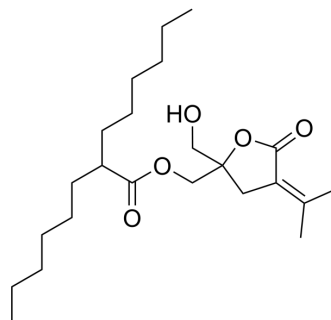


## HIV-1 protease-IN-10

Cat. No.:	HY-155599
Molecular Formula:	C <sub>23</sub> H <sub>40</sub> O <sub>5</sub>
Molecular Weight:	396.56
Target:	HIV; PKC
Pathway:	Anti-infection; Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

HIV-1 protease-IN-10 (Compound 2) has HIV-1 latency reversing activity (IC<sub>50</sub>: 0.22 μM). HIV-1 protease-IN-10 binds to the PKCδ C1b domain (IC<sub>50</sub>: 0.69 μM). HIV-1 protease-IN-10 has stability against esterase-mediated hydrolysis<sup>[1]</sup>.

### REFERENCES

[1]. Ishii T, et al. Synthesis and evaluation of DAG-lactone derivatives with HIV-1 latency reversing activity. *Eur J Med Chem.* 2023 Aug 5;256:115449.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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